

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S2	1	10/568,390	US-PGPUB; USPAT	OR	OFF	2008/12/20 19:59
S3	3	((("20070104965") or ("4749397") or ("5942338"))).PN.	US-PGPUB; USPAT	OR	OFF	2008/12/20 19:59
S4	104	(zirconium Zr) near (layer \$1 film\$1 coating\$1) same (functional Ag silver) near (layer\$1 film \$1 coating\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/29 09:45
S5	9	(zirconium Zr) near (layer \$1 film\$1 coating\$1) same (functional Ag silver) near (layer\$1 film \$1 coating\$1) and (zinc near oxide\$1) near(layer \$1 film\$1 coating\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/29 09:48
S6	11	(zirconium Zr) near (layer \$1 film\$1 coating\$1) same (functional Ag silver) near (layer\$1 film \$1 coating\$1) and (zinc near oxide\$1 zno) near (layer\$1 film\$1 coating \$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/29 09:48
S7	6	metal\$3 near10 (zirconium Zr) near (layer \$1 film\$1 coating\$1) same (functional Ag silver) near (layer\$1 film \$1 coating\$1) and (zinc near oxide\$1 zno) near (layer\$1 film\$1 coating \$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/29 09:51
S8	1	2005-255247.NRAN.	DERWENT	OR	OFF	2008/12/29 10:00

S9	76	metal\$3 near10 (zirconium Zr) near (layer \$1 film\$1 coating\$1) and (function\$2 Ag silver) near (layer\$1 film\$1 coating\$1) and (zinc near oxide\$1 zno) near(layer \$1 film\$1 coating\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/29 10:05
S10	17	("4883721" "4898789"). PN. OR ("4985312"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/29 10:08
S11	0	S10 and (zirconium Zr) near (layer\$1 film\$1 coating\$1) and (functional Ag silver) near (layer\$1 film\$1 coating\$1) and (zinc near oxide\$1 zno) near(layer \$1 film\$1 coating\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/29 10:09
S12	0	S10 and (zirconium Zr) near (layer\$1 film\$1 coating\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/29 10:09
S13	17	S10 and (layer\$1 film\$1 coating\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/29 10:09
S14	5	S10 and (zirconium Zr)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/29 10:09
S15	3	((("20070104965") or ("4749397") or ("5942338"))).PN.	US-PGPUB; USPAT	OR	OFF	2008/12/29 10:41
S16	1	S15 and (tiO\$1 titanium near oxide\$1) and (silicon near nitride\$1 si \$1N\$1) and (sno\$1 tin near oxide\$1)	US-PGPUB; USPAT	OR	OFF	2008/12/29 10:41
S17	3	S15 and (tiO\$1 titanium near oxide\$1) and (sno \$1 tin near oxide\$1)	US-PGPUB; USPAT	OR	OFF	2008/12/29 10:42
S18	1	S15 and (silicon near nitride\$1 si\$1N\$1)	US-PGPUB; USPAT	OR	OFF	2008/12/29 10:44

S19	1	("20050123772").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/29 11:18
S20	1	S19 and (sno\$1 tin near oxide\$1)	US-PGPUB; USPAT	OR	OFF	2008/12/29 11:18
S21	1	("20050123772").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/29 15:24
S22	76	metal\$3 near10 (zirconium Zr) near (layer \$1 film\$1 coating\$1) and (function\$2 Ag silver) near (layer\$1 film\$1 coating\$1) and (zinc near oxide\$1 zno) near(layer \$1 film\$1 coating\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/29 15:35
S23	8553	(tiO\$1 titanium near oxide \$1) and (silicon near nitride\$1 si\$1N\$1) and (sno\$1 tin near oxide\$1)	US-PGPUB; USPAT	OR	OFF	2008/12/29 15:36
S24	4498	(tiO\$1 titanium near oxide \$1) same (silicon near nitride\$1 si\$1N\$1) same (sno\$1 tin near oxide\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/29 15:36
S25	10710	(tiO\$1 titanium near oxide \$1) same (zno zinc near oxide\$1) same(sno\$1 tin near oxide\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/29 15:37
S26	2	sno\$1/tio\$1/zno	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/29 15:38
S27	0	dielectric near2 (layer\$1 coating\$1 film\$1)near10 (tiO\$1 titanium near oxide \$1) near2 (zno zinc near oxide\$1) near2 (sno\$1 tin near oxide\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/29 15:39
S28	54	dielectric near2 (layer\$1 coating\$1 film\$1)near10 (tiO\$1 titanium near oxide \$1) near2 (zno zinc near oxide\$1) near2 (sno\$1 tin near oxide\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/29 15:40

S29	54	dielectric near2 (layers coatings films)near10(tiO\$1 titanium near oxide\$1) near2 (zno zinc near oxide\$1) near2 (sno\$1 tin near oxide\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/29 15:43
S30	8	sno\$1/tio\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/05 14:04
S31	49	dielectric near2 (layers coatings films)near10(tiO\$1 titanium near oxide\$1) near2 (sno\$1 tin near oxide\$1)same (zno zinc near oxide\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/05 14:06
S32	1	("6355334").PN.	US-PGPUB; USPAT	OR	OFF	2009/01/05 14:08
S38	21	multi\$1layer\$2 near dielectric near2 (layers coatings films)and (tiO\$1 titanium near oxide\$1) near10 (sno\$1 tin near oxide\$1) near10 (zno zinc near oxide\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/05 14:42
S39	11	sno\$1/tio\$1\$6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/05 15:04
S40	17	((Ag silver) near10 (zirconium Zr) near10 (zinc near oxide\$1 zno)) near (layer\$1 coating\$1 film\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/18 09:35
S41	247	(zirconium Zr) near (layer\$1 film\$1 coating\$1) near10 (Ag silver) near (layer\$1 film\$1 coating\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/18 09:42
S42	3	(zirconium Zr) near (layer\$1 film\$1 coating\$1) near10 (Ag silver) near (layer\$1 film\$1 coating\$1) same(zinc near oxide\$1 zno)near (layer\$1 coating\$1 film\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/18 09:43

S43	4	(zirconium Zr) near (layer \$1 film\$1 coating\$1) near10 (Ag silver) near (layer\$1 film\$1 coating \$1) and(zinc near oxide \$1 zno)near (layer\$1 coating\$1 film\$1)near10 (Ag silver) near (layer\$1 film\$1 coating\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/18 09:44
S44	1	S43 not S42	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/18 09:45
S45	0	("s3and(zirconiumzr)").PN.	US-PGPUB; USPAT	OR	OFF	2009/09/18 09:48
S46	3	((("20070104965") or ("4749397") or ("5942338"))).PN.	US-PGPUB; USPAT	OR	OFF	2009/09/18 09:48
S47	3	S46 and(zirconium zr)	US-PGPUB; USPAT	OR	OFF	2009/09/18 09:48
S48	3	S46 and(zirconium zr) and (zinc near oxide\$1 zno)	US-PGPUB; USPAT	OR	OFF	2009/09/18 09:51
S49	1	("4749397").PN.	US-PGPUB; USPAT	OR	OFF	2009/09/21 08:11
S50	1	("5942338").PN.	US-PGPUB; USPAT	OR	OFF	2009/09/21 09:47
S51	1	10/568,390	US-PGPUB; USPAT	OR	OFF	2010/04/20 16:01
S52	1	S51 and (zirconium zr)	US-PGPUB; USPAT	OR	OFF	2010/04/20 16:01
S53	3	((("20070104965") or ("4749397") or ("5942338"))).PN.	US-PGPUB; USPAT	OR	OFF	2010/04/20 16:01
S54	3	S53 and (zirconium zr)	US-PGPUB; USPAT	OR	OFF	2010/04/20 16:01
S55	2	S53 and (zirconium zr) and primer\$1	US-PGPUB; USPAT	OR	OFF	2010/04/20 16:16
S56	0	(zirconium Zr) near (layer \$1 film\$1 coating\$1) near10 (tie) and(function \$2 Ag silver) near (layer \$1 film\$1 coating\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/21 15:48

S57	0	(zirconium Zr) near (layer \$1 film\$1 coating\$1) same (tie) same(function \$2 Ag silver) near (layer \$1 film\$1 coating\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/21 15:48
S58	28	(zirconium Zr) near (layer \$1 film\$1 coating\$1) same (tie)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/21 15:49
S59	62	(zirconium Zr) same (layer\$1 film\$1 coating \$1) near (tie)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/21 15:51
S60	138	4not S58	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/21 15:51
S61	62	S59 not S58	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/21 15:51
S62	0	(zirconium Zr) same (layer\$1 film\$1 coating \$1) near (tie) same (function\$2 Ag silver) near (layer\$1 film\$1 coating\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/21 15:52
S63	21	(zirconium Zr) same (layer\$1 film\$1 coating \$1) near (tie) and (function\$2 Ag silver) near (layer\$1 film\$1 coating\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/21 15:52
S64	41	S59 not S63	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/21 15:56

S65	28	(zirconium Zr) same (layer\$1 film\$1 coating \$1) near10 (tie) and (function\$2 Ag silver) near (layer\$1 film\$1 coating\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/21 15:58
S66	7	S65 not S63	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/21 15:58
S67	1867	(zirconium Zr) same (function\$2 Ag silver) near (layer\$1 film\$1 coating\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/21 15:59
S68	1120	(zirconium Zr) same (layer\$1 film\$1 coating \$1) near10 (sacrificial barrier\$3) and(function \$2 Ag silver) near (layer \$1 film\$1 coating\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/21 16:01
S69	970	(zirconium Zr) same (layer\$1 film\$1 coating \$1) near (sacrificial barrier\$3 block\$3) and (function\$2 Ag silver) near (layer\$1 film\$1 coating\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/21 16:01
S70	121	(zirconium Zr) same (layer\$1 film\$1 coating \$1) near (sacrificial barrier\$3 block\$3) same (function\$2 Ag silver) near (layer\$1 film\$1 coating\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/21 16:01
S71	51	(zirconium Zr) near10 (layer\$1 film\$1 coating \$1) near (sacrificial barrier\$3 block\$3) same (function\$2 Ag silver) near (layer\$1 film\$1 coating\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/21 16:02

S72	79	("3124639" "3610729" "3711176" "3860036" "4106859" "4307150" "4357396" "4431268" "4446305" "4457598" "4520189" "4521588" "4525413" "4547432" "4645714" "4666263" "4720426" "4726662" "4780372" "4834857" "4873139" "4902580" "4963012" "5019458" "5055356" "5140457" "5188760" "5211878" "5215832" "5216551" "5235443" "5253105" "5269995" "5294657" "5296297" "5316703" "5319478" "5325218" "5361172" "5376431" "5389324" "5448404" "5451980" "5486935" "5486949" "5519542" "5543227" "5572411" "5583704" "5589280" "5608550" "5612820" "5629055" "5686979" "5699188" "5721603" "5744534" "5751388" "5767935" "5770306" "5783120" "5793456" "5808794" "5825542" "5825543" "5837362" "5841496" "6111697" "6166793" "6264336"). PN. OR ("6508560"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/04/21 16:32
S73	5	(zirconium Zr) near10 (layer\$1 film\$1 coating \$1) and S72	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/21 16:32
S74	1	12/057244	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/21 17:12

S75	1	S74 and heat near activated	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/21 17:12
S76	1	10/568,390	US-PGPUB; USPAT	OR	OFF	2010/04/22 09:23
S77	1	S76 and barrier\$1 near layer\$1	US-PGPUB; USPAT	OR	OFF	2010/04/22 09:23
S78	140	((zirconium Zr) same (layer\$1 film\$1 coating\$1) near (sacrificial barrier\$3 block\$3) same (function\$2 Ag silver) near (layer\$1 film\$1 coating\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/28 15:41

EAST Search History (I nterference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	21	((zirconium Zr) same (layer\$1 film\$1 coating\$1) near (sacrificial barrier\$3 block\$3) same (function\$2 Ag silver) near (layer\$1 film\$1 coating\$1)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2011/03/02 13:54
S79	21	((zirconium Zr) same (layer\$1 film\$1 coating\$1) near (sacrificial barrier\$3 block\$3) same (function\$2 Ag silver) near (layer\$1 film\$1 coating\$1)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2011/02/28 15:42

3/ 2/ 2011 1:58:58 PM**C:\ Documents and Settings\ lxu\ My Documents\ EAST\ Workspaces\ 10568390.wsp**